

**UNITED STATES MARINE CORPS
CORROSION ASSESSMENT CHECKLIST**

ASSESSED BY: _____
(RANK / LAST NAME)

DATE OF ASSESSMENT: _____
(dd/mm/yyyy)

AAC: _____

MANUFACTURER DATE: _____
(mm/yyyy)

NSN: _____ - _____ - _____ - _____

TAMCN: _____
(OPTIONAL ENTRY)

USMC SERIAL#: _____

TYPE PAINT: _____
(CARC / WB-CARC / WR-CARC)

CARC PAINT DATE: _____
(mm/yyyy)

CATEGORY CODE: _____
(MAX Category indicated below)

(Reference: TM 4795-12/1)

CATEGORY 5

(Corrosion Repair and Efforts above the Intermediate Level)

YES NO

☐ ☐ **FRAME** is **unsound** or completely gone ("unsound" means that the mechanical strength is lost). Select which best describes the condition of the frame:

- ☐ Deterioration due to severe corrosion
- ☐ Severe Mechanical/Physical Damage (e.g. bent frame)

☐ ☐ **OVERALL ITEM CONDITION** has severe mechanical damage or deterioration to a degree that presents a safety hazard and requires replacement based on:

- ☐ Deterioration due to severe corrosion
- ☐ Severe Mechanical/Physical Damage

CATEGORY 4

(Corrosion Repair and Efforts above the Organizational Level)

YES NO

☐ ☐ **FRAME** remains structurally **sound** but requires **REPAIR to METAL** prior to surface preparation or recoating above the organizational level due to:

- ☐ Deterioration due to severe corrosion
- ☐ Severe Mechanical or Physical Damage

- ☐ ☐ **MAJOR FRAME COMPONENTS** (chassis frame rails on HMMWV(s) or support frames on cargo trailers) remain **structurally sound** but require **REPAIR** prior to surface preparation or recoating due to:
- ☐ Deterioration due to corrosion
 - ☐ Severe Mechanical or Physical Damage
- ☐ ☐ **CAB COMPARTMENT** has deteriorated and requires metal **REPAIR** or **REPLACEMENT** prior to surface preparation or recoating due to:
- ☐ Deterioration due to severe corrosion
 - ☐ Severe Mechanical or Physical Damage
- ☐ ☐ **FLOORING** is unsound ("unsound" means that the mechanical strength is lost) and **METAL REPAIR** is required prior to recoating due to:
- ☐ Deterioration due to severe corrosion
 - ☐ Severe Mechanical or Physical Damage
- ☐ ☐ **BODY PANEL(s) or PART(s) are** unsound or completely gone ("unsound" means that the mechanical strength is lost) and require metal **REPAIR** or **REPLACEMENT** prior to recoating due to:
- ☐ Deterioration due to severe corrosion
 - ☐ Severe Mechanical or Physical Damage
- ☐ ☐ **CREVICE(s), JOINT(s), or SEAM(s)** are unsound or completely gone ("unsound" means that the mechanical strength is lost), and metal **REPAIR** is required prior to recoating due to:
- ☐ Deterioration due to severe corrosion
 - ☐ Severe Mechanical or Physical Damage
- ☐ ☐ **BATTERY BOX** area is unsound or completely gone ("unsound" means that the mechanical strength is lost), and **METAL REPAIR** is required prior to recoating due to:
- ☐ Deterioration due to severe corrosion
 - ☐ Severe Mechanical or Physical Damage
- ☐ ☐ **OTHER EXTENSIVE PHYSICAL DAMAGE** that requires body **repair** and coating above the Organizational Level.

CATEGORY 3

(Corrosion Efforts above the Organizational Level)

YES NO

- ☐ ☐ **FRAME** is corroded but remains sound. Metal requires **only surface preparation** and coating above the Organizational Level.
- ☐ ☐ **UNDERCARRIAGE OR SUSPENSION** parts are corroded but remain sound. Metal requires **only surface preparation** and coating above the Organizational Level.
- ☐ ☐ **CAB COMPARTMENT** requires **only surface preparation** and coating above the organizational level due to:
- ☐ Corrosion
 - ☐ Minor physical damage
 - ☐ Extensive coating damage
- ☐ ☐ **FLOORING** requires **only surface preparation** and coating above the Organizational Level due to:
- ☐ Corrosion
 - ☐ Minor physical damage
 - ☐ Extensive coating damage
- ☐ ☐ **BODY PANEL(s) or PART(s)** require **only surface preparation** and coating above the Organizational Level due to:
- ☐ Corrosion
 - ☐ Minor physical damage
 - ☐ Extensive coating damage
- ☐ ☐ **CREVICE(s), JOINT(s), or SEAM(s)** require **only surface preparation** and coating above the Organizational Level due to:
- ☐ Corrosion
 - ☐ Minor physical damage
 - ☐ Extensive coating damage
- ☐ ☐ **BATTERY BOX** requires **only surface preparation** and coating above the Organizational Level due to:
- ☐ Corrosion
 - ☐ Minor physical damage
 - ☐ Extensive coating damage

- ☐ ☐ The equipment requires **REPAINTING** of the camouflage pattern above the Organizational Level due to:
- ☐ Excessive spot painting
 - ☐ Currently no camouflage pattern on equipment

CATEGORY 2

(Corrosion Efforts at the Organizational Level)

YES NO

- ☐ ☐ **UNDERCARRIAGE OR SUSPENSION** parts are corroded or have coating damage that require repair at the organizational level only.
- ☐ ☐ **Organizational Level corrosion control efforts** are required for:
- ☐ Cleaning
 - ☐ Surface Preparation
 - ☐ Spot Painting/Touch-up
- ☐ ☐ **RADIATOR AND COMPONENTS** require organizational level corrosion efforts due to:
- ☐ Surface corrosion
 - ☐ Minor coating Damage
- ☐ ☐ **HYDRAULIC CYLINDER(S)** require preventive maintenance, or replacement at the Organizational Level due to:
- ☐ Corrosion
 - ☐ Pitting
- ☐ ☐ **HYDRAULIC LINE CONNECTORS** are corroded and require Cleaning or Replacement at the Organizational Level.
- ☐ ☐ **ELECTRICAL CONNECTORS** require preventive maintenance or replacement.
- ☐ ☐ **FLOORING** requires surface preparation, and spot painting at the Organizational Level.
- ☐ ☐ **CAB, BODY PANEL(s) or BODY PART(s)** require surface preparation, spot painting, or replacement at the Organizational Level.
- ☐ ☐ **CREVICE(s), JOINT(s), or SEAM(s)** require surface preparation, and spot painting at the Organizational level.
- ☐ ☐ **BATTERY BOX** requires surface preparation, and spot painting at the Organizational level.

- ☐ ☐ **BATTERY and TERMINALS** require Organizational Maintenance to:
- ☐ Perform Preventive Maintenance
 - ☐ Apply Anti-Corrosion Materials and Preservatives
- ☐ ☐ **HEADLIGHT ASSEMBLY** requires replacement.
- ☐ ☐ **HOOD** requires replacement due to severe physical damage.
- ☐ ☐ **EXHAUST SYSTEM** requires replacement at the Organizational level.
- ☐ ☐ **REFLECTIVE LENSES** require replacement at the Organizational level.
- ☐ ☐ **FASTENER(s), (nuts, bolts, washers, wingnuts, etc.)** are corroded and require Cleaning or Replacement at Organizational Level due to:

(NOTE: Red Rust does not classify the item as category II)

- ☐ ☐
 - ☐ Paint Blistering, Chipping or Pitting
 - ☐ Surface Corrosion Beyond Red Rust
 - ☐ Require Preservation
- ☐ ☐ **PUSH/PULL CABLE(s)** require repair at the Organizational Level because they are:
 - ☐ Corroded
 - ☐ Seized
 - ☐ Require Preservation
- ☐ ☐ **MIRROR(s), AND HARDWARE** require repair at the Organizational Level because they are:
 - ☐ Corroded
 - ☐ Seized
 - ☐ Require Replacement
- ☐ ☐ **CORROSION PRESERVATIVES** are required on the asset.

CATEGORY 1

(Corrosion Efforts at the Organizational Level)

YES NO

- ☐ ☐ **ITEM is in a category 1 condition which** requires no corrosion repair and corrosion preservatives have been applied.